

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-024719**Date Inspected:** 21-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	OBG Trial Assembly				

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector Mr. S. Manjunath Math was present during the time noted above for observations relative to the work being performed.

This QA Inspector randomly observed the following work in progress:

Orthotropic Box Girder (OBG) at Trial Assembly Areas

Magnetic Particle Testing

Lift 14 East at Bay # 14

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an MT report for this date. The members are identified as OBG Segment 14 East Anchorage Stiffener. The weld designation reviewed is mentioned below.

Seg3019W-077

Seg3019AX-006

Seg3019AX-017

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Seg3019AX-018

Seg3019AX-024

Seg3019W-048

Seg3019W-035

Seg3019W-169

Seg3019W-143

Seg3019W-146

Seg3019W-149

Seg3019W-153

Seg3019W-158

Seg3019W-162

Seg3019W-164

Seg3019AW-067

Seg3019AW-071

Seg3020-001-114

Seg3020-001-117

Seg3020-001-120

Seg3020-001-125

Seg3020-001-130

Seg3020-001-133

Seg3019AW-003

Seg3019AW-005

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Seg3019AW-008

Seg3019AW-012

Seg3019AW-016

Seg3019AW-035

Seg3019AW-038

Seg3019AW-107

SA3357-001-015

SA3358-001-018

SA3359-001-024

SA3362-001-018

SA3365-001-014

Please refer Magnetic Particle Test Report TL-6028 for more comprehensive details.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Math,Manjunath	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer
